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PLAGUE-PREVENTION WORK.

INFECTED GROUND SQUIRRELS.

During the week ended May 27, 1911, the finding of 3 plague-infected ground squirrels was reported as follows: In Alameda County, Cal., May 24, at M. J. Cull ranch, 1 squirrel; in San Joaquin County, Cal., May 13, at Cheresky ranch, 5 miles north of Ripon, 1 squirrel; and May 17, at E. D. Moulton ranch, 1 mile northwest of Ripon, 1 squirrel.

DISTRIBUTION OF POISON.

In connection with the making of a squirrel-free zone around the cities of California, on San Francisco Bay, 590 acres of land in Alameda County were covered with poison during the week ended May 27, 1911.

Record of Plague Infection.

Places.	Date of last case of human plague.	Date of last case of rat plague.	Date of last case of squirrel plague.	Total number of rodents found infected since May, 1907.
California:				
Cities—				
San Francisco.....	Jan. 30, 1908.....	Oct. 23, 1908.....	None.....	398 rats.
Oakland.....	Oct. 26, 1909.....	Dec. 1, 1908.....	do.....	126 rats.
Berkeley.....	Aug. 28, 1907.....	None.....	do.....	None.
Los Angeles.....	Aug. 11, 1908.....	do.....	Aug. 21, 1908.....	1 squirrel.
Counties—				
Alameda (exclusive of Oakland and Berkeley).	Sept. 26, 1909.....	{ Wood rat, Oct. 17, 1909. }	{ May 24, 1911..... }	{ 103 squirrels. 1 wood rat. }
Contra Costa.....	July 21, 1908.....	None.....	Apr. 3, 1911.....	248 squirrels.
Merced.....	None.....	do.....	Mar. 20, 1911.....	3 squirrels.
Monterey.....	do.....	do.....	June 6, 1910.....	4 squirrels.
San Benito.....	June 5, 1910.....	do.....	July 11, 1910.....	20 squirrels.
San Joaquin.....	None.....	do.....	May 17, 1911.....	15 squirrels.
San Luis Obispo.....	do.....	do.....	Jan. 29, 1910.....	1 squirrel.
Santa Clara.....	Aug. 23, 1910.....	do.....	Oct. 5, 1910.....	23 squirrels.
Santa Cruz.....	None.....	do.....	May 17, 1910.....	3 squirrels.
Stanislaus.....	do.....	do.....	Apr. 10, 1911.....	11 squirrels.
Washington:				
Cities—				
Seattle.....	Oct. 30, 1907.....	Feb. 8, 1910.....	None.....	22 rats.

Rats Collected and Examined for Plague Infection.

Places.	Week ended—	Found dead.	Total collected.	Examined.	Found infected.
California:					
Cities—					
Berkeley.....	May 27.....	.....	¹ 124.....	84.....	.....
Oakland.....	do.....	37.....	² 611.....	473.....	.....
San Francisco.....	do.....	28.....	³ 1,611.....	1,053.....	.....
Counties—					
Santa Clara.....	do.....	.....	⁴ 2.....	2.....	.....
Washington:					
Cities—					
Seattle.....	do.....	.....	1,143.....	974.....	.....
Total.....	.....	65.....	3,491.....	2,586.....	.....

¹ Identified, *Mus norvegicus* 89, *Mus musculus* 35.

² Identified, *Mus norvegicus* 545, *Mus musculus* 66.

³ Identified, *Mus norvegicus* 962, *Mus musculus* 357, *Mus rattus* 159, *Mus alexandrinus* 133.

⁴ Identified, *Mus alexandrinus* 2.

Squirrels Collected and Examined for Plague Infection.

Places.	Week ended—	Shot or trapped.	Found dead.	Examined.	Found infected.
California:					
Counties—					
Alameda.....	May 27	86	8	94	1
Colusa.....	do.....	66		66	
Contra Costa.....	do.....	65		65	
Eldorado.....	do.....	25		25	
Fresno.....	do.....	115		115	
Glenn.....	do.....	59		59	
Kern.....	do.....	8		8	
Lake.....	do.....	143		143	
Los Angeles.....	do.....	298		295	
Madera.....	do.....	245		241	
Mariposa.....	do.....	86		86	
Mendocino.....	do.....	142	10	152	
Merced.....	do.....	339	2	335	
Monterey.....	do.....	1,280	2	1,271	
Nevada.....	do.....	7		7	
Riverside.....	do.....	267		265	
San Benito.....	do.....	168		168	
San Bernardino.....	do.....	43		43	
San Joaquin.....	do.....	331		331	2
San Luis Obispo.....	do.....	333		330	
San Mateo.....	do.....	41		41	
Santa Clara.....	do.....	185	9	194	
Siskiyou.....	do.....	31		31	
Sonoma.....	do.....	40		40	
Stanislaus.....	do.....	289		289	
Sutter.....	do.....	5		5	
Tehama.....	do.....	25		25	
Yolo.....	do.....	85		85	
Oregon:					
County—					
Jackson.....	do.....	20		20	
Total.....		4,827	31	4,829	3

Other Animals Collected and Examined.

Places.	Week ended—	Animals collected.	Examined.	Found infected.
California:				
Counties—				
Eldorado.....	May 27	4 kangaroo rats.....		
Fresno.....	do.....	3 rabbits, 2 owls.....	3	
Kern.....	do.....	4 rabbits, 3 chipmunks.....	7	
Los Angeles.....	do.....	3 rabbits.....	3	
Madera.....	do.....	do.....	3	
Merced.....	do.....	7 rabbits.....	7	
Monterey.....	do.....	3 rabbits, 12 chipmunks.....	15	
Riverside.....	do.....	3 rabbits.....	3	
San Benito.....	do.....	3 rabbits, 1 kangaroo rat.....	4	
San Joaquin.....	do.....	10 rabbits.....	10	
San Luis Obispo.....	do.....	5 rabbits.....	5	
Santa Clara.....	do.....	9 rabbits.....	9	
Siskiyou.....	do.....	1 rabbit.....	1	
Sonoma.....	do.....	3 rabbits.....	3	
Stanislaus.....	do.....	5 rabbits.....	5	
Tehama.....	do.....	1 rabbit.....	1	
Yolo.....	do.....	6 rabbits.....	6	
Oregon:				
County—				
Jackson.....	do.....	3 chipmunks.....	3	
Total.....			88	